

REMARKS

Applicants believe that the present application is now in condition for allowance. Favorable reconsideration of the application as amended is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,
MORGAN & FINNEGAN, L.L.P.

Date: March 13, 2003

By: Mary J. Morry

Mary J. Morry
Registration No. 34,398
Attorney for Applicant

MORGAN & FINNEGAN, L.L.P.
345 Park Avenue
New York, NY 10154
Telephone: (202) 847-7887
Facsimile: (202) 857-7929

Should additional fees be necessary in connection with the filing of this paper, or if a petition for extension of time is required for timely acceptance of same, the Commissioner is hereby authorized to charge Deposit Account No. 13-4500, Order No. 3123-4006 for any such fees; and applicant(s) hereby petition for any needed extension of time.



MARKED UP VERSION ATTACHED TO AMENDMENT IN

SERIAL NO. 09/834,434

Marked up version of the paragraph on page 12, lines 4-7, is below:

Figures 15A-[E] F present sequencing results of the pyrE gene (SEQ ID NOS 1-4). Underlining indicates amino acid sequence; it is not continuous due to some sequence uncertainties. The indicated amino acids are the most probable. Bold type indicates putative/probable introns.

Marked up version of the paragraph on page 45, lines 10-22, is below:

This vector presents the following fungal expression cassette:

- *Aspergillus nidulans* glyceraldehyde-3-phosphate dehydrogenase (*gpdA*) promoter (ref. 2)
- A synthetic *Trichoderma reesei* cellobiohydrolase I (*cbhI*) signal sequence (refs. 1, 3)
- *Streptoalloteichus hindustanus* phleomycin-resistance gene Sh-ble 4 used as carrier protein (ref. 10)
- *Aspergillus niger* glucoamylase (*glaA2*) hinge domain cloned from plasmid pAN56-2 (refs. 11, 12)
- A linker peptide (LGERK) (SEQ ID NO: 5) featuring a KEX2-like protease cleavage site (ref. 1)
- A synthetic human lysozyme gene (*hlz*) (ref. 10)
- *Aspergillus nidulans* tryptophan-synthase (*trpC*) terminator (ref. 5)

Marked up version of the paragraph on page 47, lines 12-20, is below:

The vector also carries an *E. coli* replication origin from plasmid pUC19 (ref. 6). The plasmid detailed map is provided in figure 4.

pUT1065 presents the following fungal expression cassette:

- *A. nidulans* glyceraldehyde-3-phosphate dehydrogenase (*gpdA*) promoter (ref. 2)

- A synthetic *T. reesei* cellobiohydrolase I (*cbh1*) signal sequence (refs. 1, 3)
- *S. hindustanus* phleomycin-resistance gene *Sh-ble 4* used as carrier-protein (ref. 10)
- A linker peptide (SGERK) (**SEQ ID NO: 6**) featuring a KEX2-like protease cleavage site (ref. 1)
- *T. reesei* strain TR2 χ yn2 gene (without signal sequence) (ref. 16)
 - *A. nidulans* tryptophan-synthase (*trpC*) terminator (ref. 5)